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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known		
				Application Number	09/988,805	
				Filing Date	November 20, 2001	
				First Named Inventor	Peter Geistlich	
				Group Art Unit	1617	
				Examiner Name	Unassigned	
Sheet	1	of	3	Attorney Docket Number		1194-199

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
CH	AA	5162430	A	RHEE et al.	11/10/1992
	AB	5167961	A	LUSSI et al.	12/01/1992
	AC	5206023	A	HUNZIKER	04/27/1993
	AD	5413597	A	KRAJICEK	05/09/1995
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	AN	6221109	B1	GEISTLICH et al.	04/24/2001
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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
CH	AP	WO	9005755	A1	Collagen Corporation	05/31/1990	
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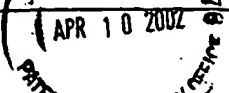
FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Cited Document MM-DD-YY of
		Office <sup>3</sup> Code (if known)	Number <sup>4</sup>	Kind <sup>5</sup>		
CH	AX	WO	9625961	A1	Ed. Geistlich Soehne AG Fuer Chemische Industrie	08/29/1996
	AY	WO	9732816	A1	Dr. Axel Kirsch	09/12/1997
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	BD	AU	660045	B	Coletica	03/02/1993
	BE	AU	663150	B	Research Development Foundation	06/28/1993

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
CH	BF	H.A. BREINAN et al., "REPARATIVE TISSUES IN ARTICULAR CARTILAGE DEFECTS IN A CANINE MODEL TREATED BY MICROFRACTURE", 45th Annual Meeting, Orthopaedic Research Society, February 1-4, 1999, Anaheim, CA. (one page)	
	BG	C.R. LEE et al., "HARVEST AND SELECTED CARTILAGE REPAIR PROCEDURES AFFECT MECHANICAL AND BIOCHEMICAL PROPERTIES OF UNINVOLVED ARTICULAR CARTILAGE IN THE CANINE KNEE", 45th Annual Meeting, Orthopaedic Research Society, February 1-4, 1999, Anaheim, CA. (one page)	
	BH	C.R. LEE et al., "THE CONTRACTILE BEHAVIOR OF ARTICULAR CHONDROCYTES IN COLLAGEN MATRICES IN VITRO", Tissue Engineering Soc., Dec. 4-6, 1998, Orlando, Fla. (one page)	
	BI	S.M. MUELLER et al., "ALPHA-SMOOTH MUSCLE ACTIN IN BOVINE MENISCUS CELLS SEEDS IN TYPE I AND TYPE II COLLAGEN-GAG MATRICES", 44TH Annual Meeting, Orthopaedic Research Society, March 16-19, 1998, New Orleans, Louisiana. (one page)	
	BJ	S. NEHRER et al., "CHONDROCYTE-SEEDED TYPE I AND TYPE II COLLAGEN IMPLANTS INVESTIGATED IN VITRO", Fifth World Biomaterials Congress, May 29-June 2, 1996, Toronto, CA. (one page)	
	BK	S. NEHRER et al., "AUTOLOGOUS CHONDROCYTE-SEEDED TYPE I AND II COLLAGEN MATRICES IMPLANTED IN A CHONDRA DEFECT IN A CANINE MODEL", 44TH Annual Meeting, Orthopaedic Research Society, March 16-19, 1998, New Orleans, Louisiana. (one page)	
	BL	S. NEHRER et al., "CHONDROCYTE-SEEDED TYPE I AND TYPE II COLLAGEN MATRICES IMPLANTED IN A CHONDRA DEFECT IN A CANINE MODEL", 7th Conference European Orthopaedic Research Society, Barcelona, 1997. (one page)	
	BM	S. NEHRER et al., "CHARACTERISTICS OF ARTICULAR CHONDROCYTES SEEDS IN COLLAGEN MATRICES", Tissue Engineering 1998, pp 175-183 vol. 4(2).	

Craig Hagopian 12-20-05

<p style="text-align: center;">   <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> </p>				Complete if Known		
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CH	BN	S. NEHRER et al., "MATRIX COLLAGEN TYPE AND PORE SIZE INFLUENCE BEHAVIOUR OF SEEDED CANINE CHONDROCYTES", Biomaterials 18, (1997), pp. 769-776.		
	BO	DONNA SCHULZ-TORRES et al., "TENDON CELL CONTRACTION OF COLLAGEN-GAG MATRICES <i>IN VITRO</i> : EFFECT OF CROSS-LINKING", Soc. for Biomaterials, April 28-May 2, 1999, Providence, R.I. (one page)		
	BP	T.O. SCHNEIDER et al., "EXPRESSION OF $\alpha$ -SMOOTH MUSCLE ACTIN IN CANINE INTERVERTEBRAL DISC CELLS <i>IN SITU</i> AND IN COLLAGEN-GAG MATRICES <i>IN VITRO</i> ", J. Orthopaedic Research In press, pp. 1-22.		
	BQ	S. NEHRER et al., "CANINE CHONDROCYTES SEEDED IN TYPE I AND TYPE II COLLAGEN IMPLANTS INVESTIGATED <i>IN VITRO</i> ", J. Biomed. Mater. Res. (Appl. Biomater.), 1997, pp. 95-104, vol. 38, John Wiley & Sons, Inc.		
	BR	S.M. MUELLER et al., " $\alpha$ -SMOOTH MUSCLE ACTIN AND CONTRACTILE BEHAVIOR OF BOVINE MENISCUS CELLS SEEDED IN TYPE I AND TYPE II COLLAGEN-GAG MATRICES", J. Biomed. Mat. Res., 1999, pp. 1-10, vol. 45, John Wiley & Sons, Inc.		
	BS	Genzyme Tissue Repair, "CARTICEL <sup>™</sup> (autologous cultured chondrocytes), ENGINEERING A BETTER REPAIR", Genzyme Tissue Repair, 64 Sidney Street, Cambridge, MA 02139-4136, 9/97, brochure. (8 pages)		
V	BT	D. MUTTER et al., "BIOMATERIAL SUPPORTS FOR COLONIC WALL DEFECT HEALING", Biomaterials 17, 1996, pp. 1411-1415.		
Examiner Signature		Casey Hagopian	Date Considered	12-20-05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.